

Serial No.: 09/847,127

Docket No.: A01043 (3247-7012)

IN THE CLAIMS:

Claims ~~1-14~~ have been canceled.

Please add the following new claims.

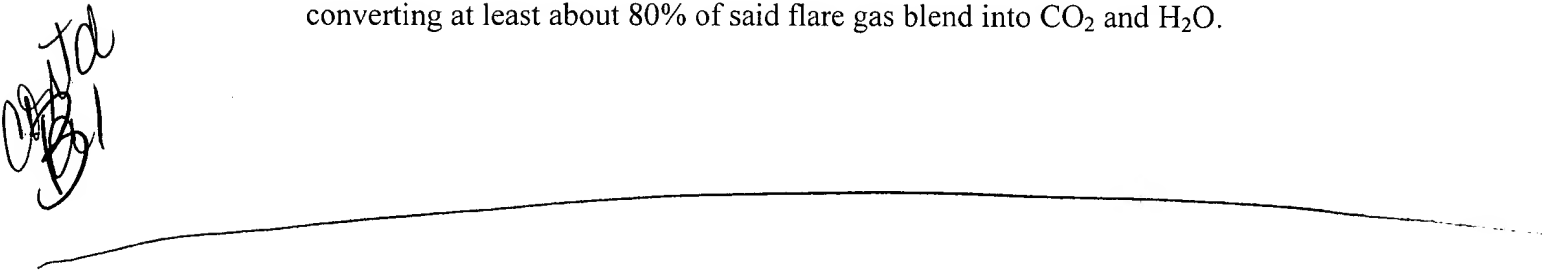
15. (new) A process for flaring, comprising the steps of:
blending a first gas stream comprising at least about 3 mol % hydrogen and
having a net heating value of less than about 913 Btu/scf, and
a second gas stream comprising hydrocarbons, said blending
producing a flare gas blend having at least about 3 mole % H₂, a heating value in a
range of about 10 Btu/scf to about 275 Btu/scf, and about 70 wt % or lower hydrocarbon
concentration,

producing a flare feed stream comprising the flare gas blend,
feeding said flare feed stream to a flare,
combusting said flare feed stream in conjunction with said flare.

16. (new) A process according to claim 15, wherein said combusting is a self-sustaining combustion.

17. (new) A process according to claim 15, wherein the first gas stream comprises hydrogen from ammonia dissociation.

18. (new) A process according to claim 15, wherein the first gas stream comprises synthesis gas.

19. (new) A process according to claim 15, further comprising the step of:
converting at least about 80% of said flare gas blend into CO₂ and H₂O.
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